



Chipping and sawcutting columns on Bent #7



Rebar placement for seismic upgrades on Bent #7 column footings



TNC crews grading and filling 24th Street eastbound on-ramp (above two photos)



Image of the e-sticker used in the Good To Go! electronic toll collection system

“Good To Go!” Makes Debut

On April 18 the Washington State Department of Transportation (WSDOT) introduced *Good To Go!* Allowing drivers to pay tolls without stopping, *Good To Go!* is the state’s new electronic toll collection system. The new system gives drivers more choices for using the new Tacoma Narrows Bridge as well as other future tolling projects.

Good To Go! utilizes a small e-sticker that adheres to the inside of a vehicle’s windshield and can be read by an antenna mounted over the roadway. Each time a vehicle approaches the toll collection area, the antenna reads the e-sticker and the system automatically debits the toll from the *Good To Go!* customer’s prepaid account.

In the coming months, *Good To Go!* Customer Service Centers will open in Tacoma and Gig Harbor. Customer service representatives will help establish accounts and answer all questions about *Good To Go!*

Media Relations & Public Outreach

- Facilitated successful *Good To Go!* media launch of the new electronic toll collection system.
- Gave project presentations to the Tacoma Yacht Club, Bay Island Yacht Club, American Society of Civil Engineers and two Geiger Elementary School classes.
- Provided project tours to International Bridge, Tunnel & Turnpike Association conference members, Pierce County bridge engineers, a Bremerton engineering firm, and other interested groups.



View of entering the electronic toll lanes

Toll Operations

April

- WSDOT successfully launched the tolling brand, *Good To Go!*
- TransCore continued installing hardware in the administrative building
- TransCore continued preparations for commission testing, the second of three major system tests
- The application period for the Citizens Advisory Committee closed April 28th.

May

- Toll group filing initial notice of the Washington Administrative Code
- TransCore will continue preparing for commission testing
- Governor’s staff to begin selecting members for the Citizen Advisory Committee

WSDOT Tacoma Narrows Bridge Office
3214 50th Street Court NW, Suite 302
Gig Harbor, WA 98335
Phone: 1-877-7NARROW or (253) 534-4640

Rick Singer, Business Manager, 253-534-4647

Filiz Satir, Community Outreach (253) 534-4670
Claudia Cornish, Media Relations (253) 534-4646

For more information about the bridge project, visit the TNB web site:

www.tacomanarrowsbridge.com



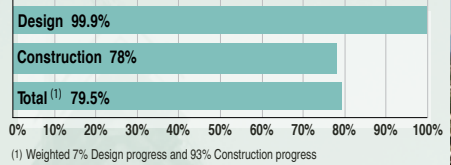
Tacoma Narrows Bridge Project

Monthly Progress Report

April 2006

Progress to Date

(% Complete)



New Bridge Statistics:

Bridge Length: 5,400 ft. (overall)

Main Span: 2,800 ft. (tower to tower)
69 pairs of suspender hangers per side

Side Span, East: 1,200 ft.
29 pairs of suspender hangers per side

Side Span, West: 1,400 ft.
34 pairs of suspender hangers per side

Suspended Roadway:

(deck panels, barriers, utilities)

- 53 million lbs.
- 46 deck sections
- 120-ft. by 78-ft. is size of average section

Towers:

- 510 ft. tall
- 8,500 cubic yds. concrete (per tower)
- 2.9 million lbs. of reinforcing steel (both)

Caissons (tower foundations, each):

- 85,000 tons (total weight)
- 6 million lbs. of reinforcing steel
- 40,500 cubic yds. concrete (Tacoma)
- 37,000 cubic yds. concrete (Gig Harbor)

Anchorage (each):

- 81 million lbs. (total)
- 20,000 cubic yds. concrete
- 1 million lbs. of reinforcing steel

Cable Diameter (each):

- 20.5 inches
- Cable contains 19 strands of 464 wires
- Total steel wires per cable is 8,816
- Each steel wire is the diameter of a pencil

Structural Steel, Superstructure:

(Parts of the bridge above water)

35.5 million lbs.

Structural Steel, Suspension System:

(Cable wire and saddles atop towers)

12 million lbs.

New Parallel Bridge Completed: Early 2007

1950 Bridge (Retrofit) Completed: Early 2008



One of the two spinning wheels finishing up the last strand of the north cable

Strands 1 through 19 of the north main cable in the main span

North Cable Spinning Complete

On April 19 the spinning process was completed on the last of the 19 strands of the north cable. The culmination of six months of spinning, including the south cable, and a global effort to procure wire resulted in another milestone completed on the Tacoma Narrows Bridge Project.

After the discovery of corrosion on some spools of wire in November, Tacoma Narrows Constructors (TNC) employed the efforts of companies in China, South Korea and the United Kingdom to replace the spools that did not meet WSDOT specifications.

Between the north and south cables over 19,000 miles of 0.196”-diameter wire was used making 2,204 round trips on two spinning wheels across the Narrows. With the south cable compacted, banded, and nearly all its suspender cables



installed, the north cable is now the focus. When compaction, banding, and suspender cable installation on the north cable is complete the deck section lifting will be next. Deck lifting is currently scheduled to begin the third week of June.

Arrow indicates suspender cable being installed on the south main cable

